CLAIMS

5   1. A method by which a computing system responds to an event that
wakes the computing system from a sleep mode, the method comprising the
following steps:
          (a) recognizing the event by the computing system;
          (b) responding to the event by the computing system, including the
10   following substeps:
                    (b.1) generating an event notification message, and
                    (b.2) transmitting the event notification message to an external
device separate from the computing system, the transmitting being performed
via wireless communication; and,
15   (c) returning the computing system to the sleep mode.

          2. A method as in claim 1 wherein in substep (b.2) the external device is
one of the following:
          a personal digital assistant;
20   a cell phone;
          a pager;
          a dedicated display device.

          3. A method as in claim 1 wherein the event is one of the following:
25   an incoming call to the computing system;   ·
          an alarm from a calendar program operating within the computing
system;
          an incoming fax communication;
          an incoming e-mail communication;
30   an inquiry from the external device;
          receipt of positioning information.

4. A method as in claim 1 wherein in substep (b.2) the transmission is made by the computing system directly to the external device via a wireless network.

5   5. A method as in claim 1 wherein in substep (b.2) the transmission is made by the computing system to the external device via a wireless modem.

6. A method as in claim 1:

wherein the event is an inquiry from the external device; and

10   wherein in substep (b.2) the event notification message includes a response to the inquiry from the external device.

7. A method as in claim 1 wherein the event is one of the following:

an access by the electronic device into a database within the computing

15 system;

an access into a calendaring program within the computing system program.

8. A method as in claim 1:

20   wherein the event is an incoming phone call to the computing system; and,

wherein the step (b) additionally includes the following substep:

(b.3) providing a pop-up window that displays information pertaining to the phone call, the pop-up window being displayed to a user upon

25 the user awakening the computing system.

9. A method as in claim 1 additionally comprising the following step:

(d) queuing up the event notification message for retransmission when no receipt acknowledgement is received by the computing system.

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10. A method as in claim 1 additionally comprising the following step:

(d) retransmitting the event notification message when no receipt acknowledgement is received by the computing system.

5   11. Storage media, the storage media storing software which when executing on a computing system performs a method by which the computing system responds to an event that wakes the computing system from a sleep mode, the method comprising the following steps:

(a) recognizing the event by the computing system;

10   (b) responding to the event by the computing system, including the following substeps:

      (b.1) generating an event notification message, and

      (b.2) transmitting the event notification message to an external device separate from the computing system, the transmitting being performed

15 via wireless communication; and,

(c) returning the computing system to the sleep mode.

12. Storage media as in claim 11 wherein in substep (b.2) the external device is one of the following:

20   a personal digital assistant;

a cell phone;

a pager;

a dedicated display device.

25   13. Storage media as in claim 11 wherein the event is one of the following:

a incoming call to the computing system;

an alarm from a calendar program operating within the computing system;

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an incoming fax communication;

an incoming e-mail communication;

an inquiry from the external device;

receipt of positioning information.

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14. Storage media as in claim 11 wherein in substep (b.2) the transmission is made by the computing system directly to the external device via a wireless network.

10   15. Storage media as in claim 11 wherein in substep (b.2) the transmission is made by the computing system to the external device via a wireless modem.

16. Storage media as in claim 11:

15   wherein the event is an inquiry from the external device; and,

wherein in substep (b.2) the event notification message includes a response to the inquiry from the external device.

17. Storage media as in claim 11 wherein the event is one of the

20   following:

an access by the electronic device into a database within the computing system;

an access into a calendaring program within the computing system program.

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18. Storage media as in claim 11:

wherein the event is an incoming phone call to the computing system; and,

wherein the step (b) additionally includes the following substep:

30   (b.3) providing a pop-up window that displays information pertaining to the phone call, the pop-up window being displayed to a user upon the user awakening the computing system.

19. A method performed by a computing system, the method comprising the following steps:

(a) waking the computing system from a sleep mode upon receiving a cellular phone call to the computing system;

5   (b) providing a pop-up window that displays information pertaining to the phone call, the pop-up window being displayed to a user upon the user awakening the computing system; and,

(c) returning the computing system to the sleep mode.

10   20. A method performed by a computing system, the method comprising the following steps:

(a) waking the computing system from a sleep mode upon receiving an inquiry sent to the computing system from an external device;

(b) responding to the inquiry by the computing system, including the

15   following substeps:

    (b.1) generating an event notification message, and

    (b.2) transmitting the event notification message back to the external device, the transmitting being performed via wireless communication; and,

20   (c) returning the computing system to the sleep mode.

21. A method as in claim 20 wherein the inquiry is one of the following:.

an access by the electronic device into a database within the computing system;

25   an access into a calendaring program within the computing system program.

22. A method as in claim 20 wherein external device is one of the following:

30   a cell phone;

a pager;

a dedicated display device.